

ASSESSMENT CRITERIA

MASTER/MATE – OSV (DOMESTIC) TO NEAR COASTAL WATERS (INTERNATIONAL) ROUTE EXTENSION

Attached are proposed assessment criteria for evaluating the competency of individuals who want to extend the authority of a Master or Mate OSV (Domestic) license to near coastal waters within 200 miles off any coast around the world. Because these license holders have already met qualification requirements for length of service, passed the full written exam, and demonstrated a number of proficiencies (see Master and Mate – OSV – Domestic Assessment Criteria), this table is targeted to those knowledge and skill items that are specific to operations outside domestic waters, including:

Voyage planning using international charts and publications
 Weather forecasting
 International rules of the road
 Watchkeeping principles
 Distress response and rescue coordination

Communications using the International Code of Signals
 Advanced shiphandling
 Medical care and treatment using the radio
 National and international requirements applicable to operations outside domestic waters

The assessment criteria for oceans navigation are not included in this table. Applicants for the oceans endorsement will be assessed using the criteria in this table **and** the criteria in the Table for Master/Mate (OSV) — Oceans Addendum.

It is understood that these criteria do not represent the final assessment tools to be used when demonstrating proficiency. Just as a performance standard requiring a "minimum score of 70% on a written exam" implies the development of a valid exam, a standard that requires radiotelephone procedures to be "conducted in accordance with regulations and accepted procedures" implies the use of an assessment form describing those regulations and procedures which can be used by a designated examiner in the conduct of the demonstration.

ASSESSMENT CRITERIA MASTER/MATE – OSV (DOMESTIC) TO NEAR COASTAL WATERS (INTERNATIONAL) ROUTE EXTENSION

Function: Navigation

Competence: Plan and conduct a passage and determine position

KUP	Performance Objective	Condition of Assessment	Performance Measure	Performance Standard
Terrestrial Navigation: Ability to determine the ship's position.	Calculate tides and currents.	Written exam	Calculate tides and currents.	70% minimum score on written exam
	Voyage planning and navigation for all conditions using international charts and publications	Written exam	Complete a comprehensive exercise that includes planning a voyage, using the required navigation charts and publications and accounting for: <ul style="list-style-type: none"> – Route – Local conditions – Local regulations – Water depths – Weather – Tides and currents – Aids to navigation – Hazards to navigation 	

ASSESSMENT CRITERIA MASTER/MATE – OSV (DOMESTIC) TO NEAR COASTAL WATERS (INTERNATIONAL) ROUTE EXTENSION

Function: Navigation

Competence: Plan and conduct a passage and determine position

KUP	Performance Objective	Condition of Assessment	Performance Measure	Performance Standard
Meteorology	Understand characteristics of various weather systems and reporting and recording systems.	Exam	Describe global weather patterns, movement and interaction of air masses, and reporting systems.	70% minimum score on written exam.
	Apply the meteorological information available.	Exam	Evaluate the situation and then, based on the conditions, take appropriate action with regard to preparing the vessel, setting a course, and taking other appropriate action.	
	Understand and interpret synoptic chart and forecast weather.	Exam	Evaluate a series of representative synoptic charts to anticipate approaching weather.	
	Characteristics of various weather systems, including tropical systems and avoidance of storm centers.	Exam	Describe the development, movement, conditions, and avoidance techniques.	
	Knowledge of ocean current systems.	Exam	Describe the major current systems and the conditions they produce.	

ASSESSMENT CRITERIA
MASTER/MATE – OSV (DOMESTIC) TO NEAR COASTAL WATERS (INTERNATIONAL) ROUTE EXTENSION

Function: Navigation

Competence: Maintain a safe navigational watch

KUP	Performance Objective	Condition of Assessment	Performance Measure	Performance Standard
Watchkeeping principles	Know the international rules of the road regarding applicable waters, definitions, safe speed, good seamanship, look-outs, traffic separation schemes, and narrow channels.	Exam	Describe and apply the rules of the road regarding applicable waters, definitions, safe speed, good seamanship, look-outs, traffic separation schemes, and narrow channels.	90% minimum score on written exam
	Know the international rules regarding lights and dayshapes.		Identify vessels by lights and dayshapes.	
	Know the international rules regarding operation in restricted visibility.		List rules for operation in restricted visibility and the requirements for sound signals.	
	Know the rules that apply when risk of collision exists.		List the requirements for sound signals and maneuvering when risk of collision exists.	
	Know the basic principles to be observed in keeping a navigation watch.		Describe the standards of Chapter VIII of the STCW Code related to keeping a navigational watch.	70% minimum score on written exam.

ASSESSMENT CRITERIA MASTER/MATE – OSV (DOMESTIC) TO NEAR COASTAL WATERS (INTERNATIONAL) ROUTE EXTENSION

Function: Navigation

Competence: Respond to a distress signal at sea

KUP	Performance Objective	Condition of Assessment	Performance Measure	Performance Standard
Respond to a distress signal at sea.	Know search and rescue techniques.	Exam	Describe search methods, communications, and reporting procedures.	70% minimum score on written exam
	Know MERSAR.		Use MERSAR for guidance on rendering assistance, on-scene coordination, and on-board emergencies.	

Competence: Transmit and receive information by visual signaling and radiotelephony

KUP	Performance Objective	Condition of Assessment	Performance Measure	Performance Standard
Visual signaling	Transmit and receive flag hoist and radiotelephone messages by the International Code of Signals.	Exam	Use International Code of Signals to transmit and receive messages.	70% minimum score on written exam

ASSESSMENT CRITERIA
MASTER/MATE – OSV (DOMESTIC) TO NEAR COASTAL WATERS (INTERNATIONAL) ROUTE EXTENSION

Function: Navigation

Competence: Maneuver the ship

KUP	Performance Objective	Condition of Assessment	Performance Measure	Performance Standard
Ship handling	Know the techniques of shiphandling and maintaining seaworthiness in heavy weather	Exam	Describe the techniques of shiphandling and maintaining seaworthiness in heavy weather	70% minimum score on written exam
Note: Because the Master – OSV (Domestic) has already demonstrated these shiphandling proficiencies, they need not be repeated by holders of a Master – Domestic license.	Maneuver the vessel safely in the following situations: <ul style="list-style-type: none"> – Restricted waters navigation – Holding position – Maneuvering to pick up persons in the water – Restricted visibility maneuvering 	On board ship	Conduct the evolutions listed.	Vessel is handled in an efficient, prudent, and seamanlike manner, staying within safe operating limits and maintaining the safety of navigation with respect to other vessel traffic.

Function: Controlling the operations of the ship and care for persons on board

Competence: Apply medical first aid on board ship

KUP	Performance Objective	Condition of Assessment	Performance Measure	Performance Standard
Practical application of medical guides and advice by radio	Know procedures for using medical guides and sources of medical advice by radio.	Exam	List procedures.	70% minimum score on written exam

ASSESSMENT CRITERIA MASTER/MATE – OSV (DOMESTIC) TO NEAR COASTAL WATERS (INTERNATIONAL) ROUTE EXTENSION

Function: Controlling the operations of the ship and care for persons on board

Competence: Monitor compliance with legislative requirements

KUP	Performance Objective	Condition of Assessment	Performance Measure	Performance Standard
National and international requirements affecting the operation and safety of the vessel when operating outside domestic waters	Know the following: <ul style="list-style-type: none"> – relevant IMO conventions concerning safety of life at sea and pollution prevention – national laws and regulations – certificates required and their period validity – responsibilities under the load line convention – responsibilities under SOLAS – responsibilities under the International Convention of Pollution Prevention – requirements of the International Health Regulations – international instruments affecting the ship, passengers, crew, and cargo – methods and aids to prevent pollution – national legislation for implementing international agreements 	Exam	Describe the application of the relevant conventions, laws, and regulations to OSV's.	70% minimum score on written exam